



Everglades Agricultural Area (EAA) and C-139 Basin Compliance Annual Update

**Governing Board Workshop
August 12, 2009**

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Everglades Regulation Division**

Everglades Forever Act Mandates

- Construction of Stormwater Treatment Areas (STAs)
- Agricultural Privilege Tax
- Research
- **Regulation**
 - **Implementation of Best Management Practices (BMPs)**

Best Management Practices (BMPs) + Stormwater Treatment Areas (STAs)

Landowner BMPs

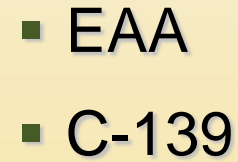


STAs



Everglades





Everglades Regulatory BMP Program



- 670,000 acres with BMP Permits
- Comprehensive BMP Plan
 - Fertilizer Management
 - Water Management
 - Sediment Control
- Field Inspections to Verify
- Area Specific Water Quality
- Research & Demonstration

Annual Compliance Determination

Method for Determining Compliance Established by Rule

- EAA → 25% Phosphorus Reduction
- C-139 → Maintain Historic Levels



2009 EAA Basin Phosphorus Results

Target Reduction	➡	25%
Observed	➡	68%

**EAA Basin
In Compliance**



14 Years of BMPs averaging 54% Load Reduction
Prevented 2118 mtons from leaving EAA Basin

2009 C-139 Basin Phosphorus Results

Goal: Maintain Historic Loads

Target Load → 13.7 mtons
Upper Limit → 24.6 mtons

Observed → 52.3 mtons

**Basin Exceeded Limit
Out of Compliance**



- Basin out of compliance 6 of 7 years
- Additional BMPs & Water Quality Initiatives

C-139 Basin Activities

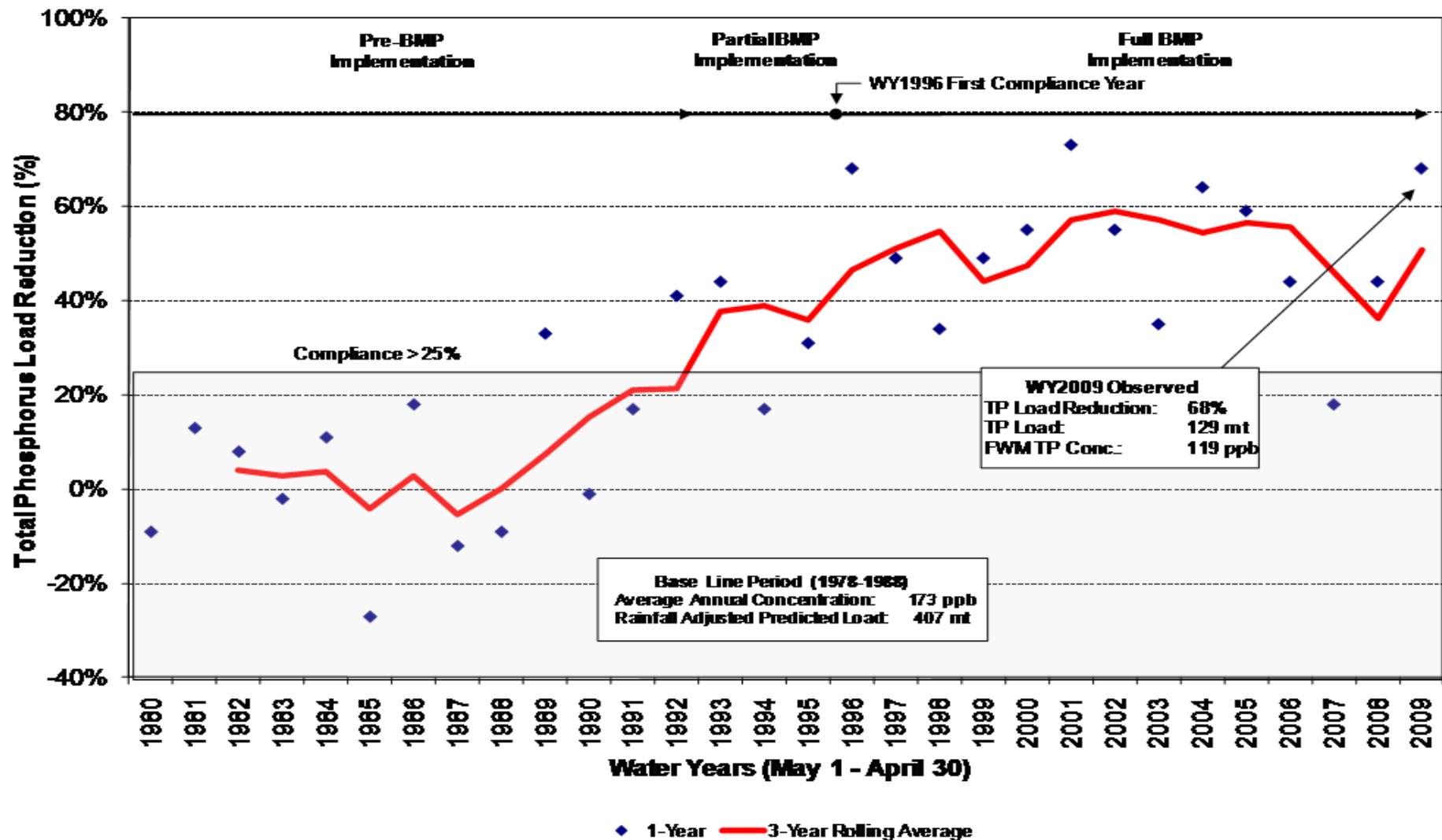
- On-site Inspections to Verify BMPs
- Basin Tailored Demonstration Projects
- Priority Basin of Newly Formed Agricultural Team
- C-139 Regional Feasibility Study Initiated
- Florida Department of Agriculture and Consumer Services Partnership & Coordination
- Rulemaking to Require Additional Water Quality Measures



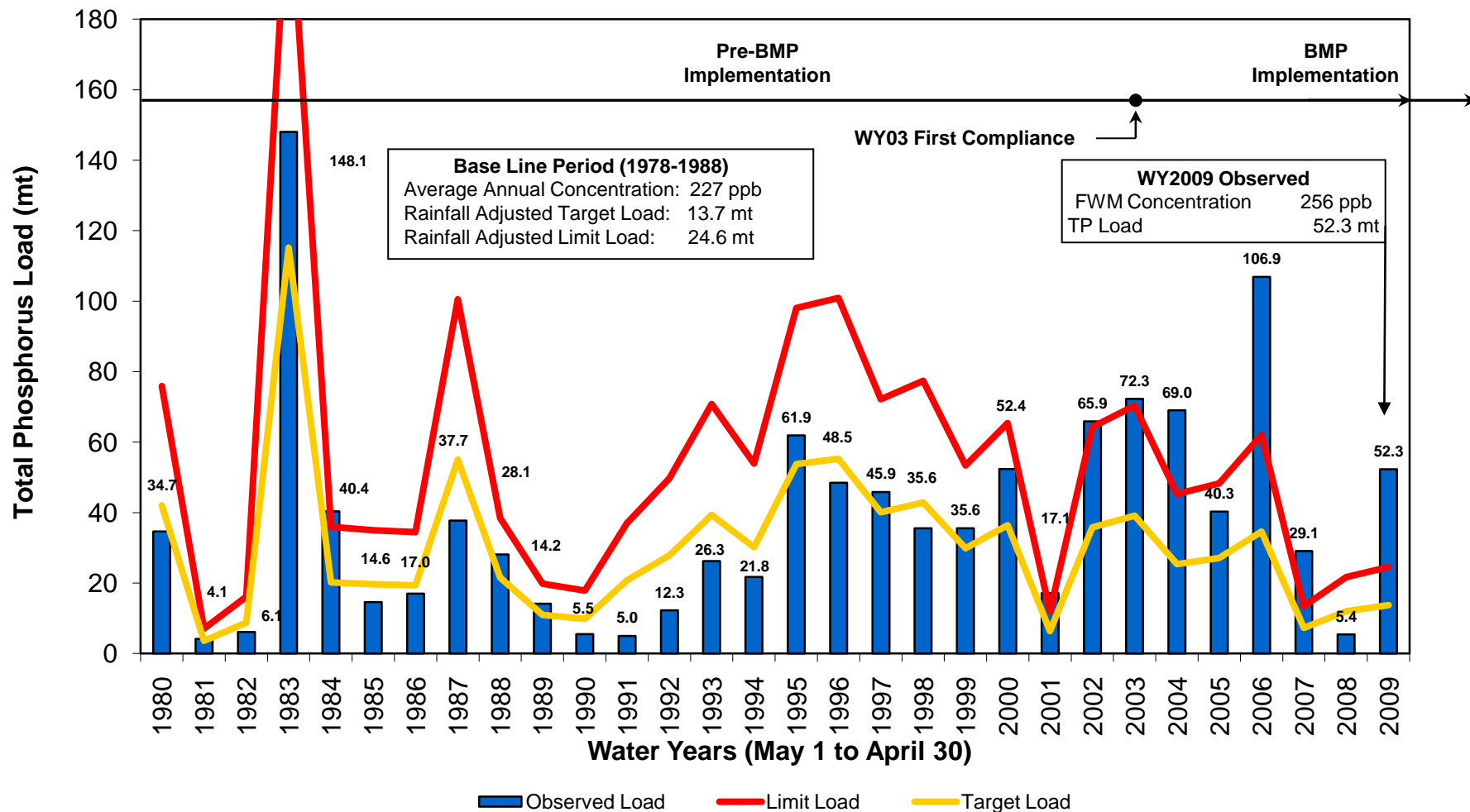
Questions?



EAA Basin Performance



C-139 Basin Performance



C-139 Basin Trends

